

FOR COMPARISON
WITH M/045/030
ARZO SHF

EXECUTIVE SUMMARY

Prepared January 6, 1995

Mine Name: Little Mountain Mine
Operator: Great Salt Lake Minerals
and Chemical Corporation
765 North 10500 West
Ogden, Utah 84402
Telephone: (801) 521-3556

I.D. No: M/057/002
County: Weber
New/Existing: Existing
Mineral Ownership: State of Utah
Surface Ownership: St. of Utah, GSLM
Lease No.(s): ML 25384, ML 25859,
ML 19024, ML 19059, ML 21708, ML
22782, ML 23023, ML 24184, ML
24631, R-W 1073
Permit Term: Life of Mine

Contact Person: Max Reynolds

Life of Mine: 200 Years

Legal Description: Portions of Section 5, T6N, R9W; Section 31, R7N, R9W; Sections 16, 17,
21, 22, 26, 35, and 36, T7N, R10W

Mineral(s) to be Mined: Potassium sulfate (Potash), Sodium sulfate, Sodium chloride (Salt),
and Magnesium chloride (Dust suppressant).

Mining Methods: Solar evaporation

Acres to be Disturbed: Plant site, 500 acres; Evaporation ponds, 51,000 acres; (current
19,500 + 17,000 (new); Borrow areas/pits, 115 acres

Present Land Use: Mining and minerals processing.

Postmining Land Use: Recreation or waterfowl refuge (lake) and industrial (plant site).

Variances from Reclamation Standards (Rule R613) Granted: R613-004-111 (5) Land Use;
R613-004-111 (7) Highwalls; R613-004-111 (9) Impoundments; and R613-004-111 (12) Soils,
R613-004-111 (13) Revegetation.

Soils and Geology:

Soil Description: Clay soils are used in dike construction.

Ph: N/A

Special Handling Problems: Although the borrow pits do not have topsoil available for
reclamation, the clay fines will be used to aid plant growth.

Geology Description: The evaporation ponds are built on mud flats on the Great Salt Lake.

Minerals

Operations:

1. After cessation of operations, GSLM will negotiate a transfer of the pond system to the State of Utah for wildlife management, as per requirements of state leases. Any structures and equipment not suitable for these purposes will be removed. Roads and dikes will remain in place.
2. If the area is not accepted for wildlife management, all structures and equipment will be removed. Dikes will be breached to allow water to circulate and clean out the ponds. The removal of these structures and equipment and the breachment of the dikes is included in the reclamation estimate. Wave action will eventually wash out and level non-maintained dikes and roads.
3. The 500 acre plant site and structures on Little Mountain are part of a zoned and regulated industrial park and are marketable as such for continued use. The surety includes removal of trash and debris only. Unmarketable structures will be removed for scrap value. The area will not be returned to its original conditions.
4. Borrow pits will be recontoured to match the surrounding areas and to provide for drainage of water. A single highwall on pit No. 5 will remain at a 70° slope. The areas will then be roughened and seeded with the following species which are adapted to the site:

Alkali Sacaton	1 lb/acre
Westair Wheatgrass	4 lb/acre
Basin Wildrye	4 lb/acre
Yellow Sweetclover	2 lb/acre
Big Sagebrush	<u>1 lb/acre</u>
	12 lb/acre

No topsoil will be available for reclamation and the soil may need to be amended to support plant growth. These soil amendments are included in the surety.

Surety:

Amount: \$272,400 (1999 \$)

Form: Letter of Credit

Renewable Term: Automatically extended annually